

EAST 6/29/04

L Number	Hits	Search Text	DB	Time stamp
1	20	180/297.ccls. and (rubber or elastom\$5) with transmission	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 11:42
2	1	180/297.ccls. and (rubber or elastom\$5) same transmission same roll	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 11:43
3	479	(rubber or elastom\$5) same transmission same roll	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 11:58
4	10	(rubber or elastom\$5) same transmission same roll and transvers\$ near4 engine	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 11:44
5	2	(rubber or elastom\$5) same transmission same roll and auxiliary adj5 vibration	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 11:58
6	3	honda.asn. and engine and transmission same (vibration or vibration) same roll same (damper or dampener or mount or mounting or isolator)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 12:03
7	96	honda.asn. and engine and transmission same (vibration or vibration) same (damper or dampener or mount or mounting or isolator)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 12:04
8	13	honda.asn. and engine and transmission same (vibration or vibration) same (damper or dampener or mount or mounting or isolator) same main	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 12:05
9	6	honda.asn. and engine and transmission same (vibration or vibration) same (damper or dampener or mount or mounting or isolator) same main same (secondary or auxiliary)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 12:06
10	1	engine near5 transverse\$5 and transmission same (vibration or vibration) same (damper or dampener or mount or mounting or isolator) same main same (secondary or auxiliary)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 12:07
-	0	transverse\$moured adj engine	USPAT; US-PGPUB	2004/06/29 06:10
-	35	transverse\$mounted adj engine	USPAT; US-PGPUB	2004/06/29 06:10
-	282	transverse\$ adj mounted adj engine	USPAT; US-PGPUB	2004/06/29 06:11
-	282	transverse\$mounted adj engine) (transverse\$ adj mounted adj engine	USPAT; US-PGPUB	2004/06/29 09:17
-	16	((transverse\$mounted adj engine) (transverse\$ adj mounted adj engine)) and 267/\$.ccls.	USPAT; US-PGPUB	2004/06/29 07:10
-	16	((transverse\$mounted adj engine or transverse\$ adj mounted adj engine)) and 267/\$.ccls.	USPAT; US-PGPUB	2004/06/29 07:10
-	6	transverse with engine with vibration same roll	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 07:39
-	106	180/297.ccls. and vibration	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 07:39
-	449	180/297.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 07:39

-	1270	vibration with (rubber or elastom\$5) with transmission	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 07:41
-	121	vibration adj damp\$5 with (rubber or elastom\$5) with transmission	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 07:41
-	15	180/297.ccls. and mount\$4 with (rubber or elastom\$5) with transmission	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 11:40
-	46	180/297.ccls. and 180/300,312,901,902.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 08:08
-	19	180/297.ccls. and 267/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 08:11
-	7	("4449603"   "4487287"   "4667764"   "4889207"   "5035397"   "5967251"   "6155372").PN.	USPAT	2004/06/29 08:12
-	6	4889207.URPN.	USPAT	2004/06/29 08:23

-	148	("5236182" "5267726" "5520375" "5499799" "4781362" "5761850" "4420060" "4795140" "4841874" "4869474" "4903812" "5180319" "5237352" "5253841" "5439204" "5664397" "5846106" "5964456" "6039651" "6327024" "4886251" "5344126" "5762295" "4437653" "4491304" "4903951" "5718417" "6017024" "6062550" "6276673" "6325364" "6352249" "6378850" "6406010" "4351515" "4363217" "4630808" "5407169" "5887858" "5899443" "4624435" "4632370" "5950994" "4469316" "4919500" "5219037" "5456653" "4269043" "4277056" "4281753").pn. ("4312247" "4385774" "4422779" "4587863" "4763884" "4802648" "4879906" "4886253" "4905956" "4925409" "4974819" "4978281" "5011108" "5020923" "5022628" "5342179" "5358224" "5394589" "5428582" "5511997" "5554059" "5690321"	USPAT; US-PGPUB	2004/06/29 09:02
Search History 6/29/04 12:42:38 PM Page 3		C:\APPS\least\workspaces\10658118.wsp		

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-	23	180/297.ccls. and (main or primary or principal) with (secondary or auxiliary)	USPAT;	2004/06/29 09:05
-	46	248/603,605.ccls. and engine	US-PGPUB	2004/06/29 11:21
-	8	248/603,605.ccls. and engine same transverse	USPAT;	2004/06/29 09:14
-	44	248/603,605.ccls. and engine same transverse	US-PGPUB	2004/06/29 09:14
-	21	248/603,605.ccls. and engine near6 transverse	USOCR	2004/06/29 09:14
-	282	(transverse\$mounted adj engine) or (transverse\$ adj mounted adj engine)	USOCR	2004/06/29 10:22
-	0	((transverse\$mounted adj engine) or (transverse\$ adj mounted adj engine)) and break\$4 near5 (rubber or elastomer\$6)	USPAT;	2004/06/29 09:18
-	3702	break\$4 near5 (rubber or elastomer\$6)	US-PGPUB	2004/06/29 09:18
-	33	break\$4 near5 (rubber or elastomer\$6) and 248/\$.ccls.	USPAT;	2004/06/29 09:18
-	54	break\$4 near5 (rubber or elastomer\$6) and 267/\$.ccls.	US-PGPUB	2004/06/29 09:21
-	0	(shear\$ or frangible or break\$4) near5 (rubber or elastomer\$6) same still adj functions!	USPAT;	2004/06/29 09:21
-	347	(shear\$ or frangible or break\$4) near5 (rubber or elastomer\$6) same function	US-PGPUB	2004/06/29 09:21
-	128	(shear\$ or frangible or break\$4) near5 (rubber or elastomer\$6) same supports!	USPAT;	2004/06/29 09:22
-	29	(shear\$ or frangible or break\$4) near5 (rubber or elastomer\$6) same supports! and 267/\$.ccls.	US-PGPUB	2004/06/29 09:23
-	0	(shear\$) with ( frangible or break\$4) near5 (rubber or elastomer\$6) same supports! and 267/\$.ccls.	USPAT;	2004/06/29 10:05
-	3	(shear\$) with ( frangible or break\$4) near5 (rubber or elastomer\$6) and 267/\$.ccls.	US-PGPUB	2004/06/29 09:24
-	2	(shear\$) with ( frangible or break\$4) near5 (rubber or elastomer\$6) and 188/\$.ccls.	USPAT;	2004/06/29 09:25
-	2	(shear\$) with ( frangible or break\$4) near5 (rubber or elastomer\$6) and 248/\$.ccls.	US-PGPUB	2004/06/29 09:28
-	44	Tetsuya.in. and Miyahara.in.	USPAT;	2004/06/29 09:28
-	8855	b60k005\$.ipc.	US-PGPUB;	2004/06/29 10:08
-	7517	b60k005/12.ipc. or b60k005/04.ipc.	EPO; JPO;	2004/06/29 10:08
-	40	(b60k005/12.ipc. or b60k005/04.ipc.) and transmission same roll	DERWENT	2004/06/29 10:19
-	1	("4516545").PN.	USPAT;	2004/06/29 10:15
-	4	123/192.1,195a.ccls. and transmission same roll	US-PGPUB	2004/06/29 10:22
-	13	4516545.URPN.	USPAT;	2004/06/29 10:19
-	282	(transverse\$mounted adj engine) or (transverse\$ adj mounted adj engine)	USOCR	2004/06/29 10:22
-	970	123/192.1,195a.ccls.	US-PGPUB	2004/06/29 10:26
-	8	123/192.1,195a.ccls. and ((transverse\$mounted adj engine) or (transverse\$ adj mounted adj engine) )	USPAT;	2004/06/29 10:22
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	

-	52	123/192.1,195a.ccls. and vibration adj damp\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 10:24
-	29	123/\$.ccls. and vibration adj damp\$4 same engine same transmission	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 10:26
-	770	123/192.1,195a.ccls.	USPAT	2004/06/29 10:26
-	7	123/\$.ccls. and vibration adj damp\$4 same hydraulic\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/29 10:28
-	0	(267/140.03).CCLS.	USPAT; US-PGPUB	2004/06/29 10:28
-	133	(267/140.3).CCLS.	USPAT; US-PGPUB	2004/06/29 10:28
-	133	((267/140.3).CCLS.) and 267/\$.ccls.	USPAT; US-PGPUB	2004/06/29 10:29
-	16	((transverse\$mounted adj engine) or (transverse\$ adj mounted adj engine) ) and 267/\$.ccls.	USPAT; US-PGPUB	2004/06/29 10:32
-	17	(tilted or slant or slanted) near4 mount\$4 same mount\$ near5 (rubber or elastomer\$5)	USPAT; US-PGPUB	2004/06/29 11:11
-	33689	(tilted or slant or slanted) same (mount\$4 or shock or isolator)	USPAT; US-PGPUB	2004/06/29 11:19
-	96	(tilted or skew\$4 or slant or slanted) with (mount\$4 or shock or isolator) with (rubber or elastome\$5)	USPAT; US-PGPUB	2004/06/29 11:20
-	3	(tilted or skew\$4 or slant or slanted) with (mount\$4 or shock or isolator) with (rubber or elastome\$5) and transvers\$5 near6 engine	USPAT; US-PGPUB	2004/06/29 11:20
-	223	248/603,605.ccls.	USPAT; US-PGPUB	2004/06/29 11:21

Butler, Douglas

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6/29/04

From: PLUS  
Sent: Wednesday, March 03, 2004 9:09 AM  
To: Butler, Douglas  
Subject: PLUS Results for 10655118

Here are the PLUS search results for 10655118.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to [PLUS@uspto.gov](mailto:PLUS@uspto.gov).



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10655118\_LIST.txt



10655118\_WEST.txt



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## 10655118\_LIST

PLUS Search Results for S/N 10655118, Searched March 03, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10655118 on March 03, 2004

## Original Classifications

18 267/140.13  
16 267/140.14  
7 440/52  
4 267/140.12  
3 74/574  
3 180/300  
3 248/550  
3 248/638  
3 267/140.11  
2 180/228  
2 180/291  
2 180/297  
2 180/312  
2 180/354  
2 248/560  
2 248/635  
2 267/219  
2 267/33  
2 384/99

## Cross-Reference Classifications

20 267/219  
12 248/638  
8 267/140.13  
8 267/140.15  
6 267/35  
5 188/267  
5 248/550  
5 248/562  
5 248/634  
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4 188/378  
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2 267/153  
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2 312/334.36  
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2 464/77

## Combined Classifications

26 267/140.13  
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2 267/33  
2 296/190.07  
2 310/51  
2 312/223.1  
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2 464/180  
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10655118\_CLS  
Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10655118 on March 03, 2004

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18 267/140.13  
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3 248/550  
3 248/638  
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20 267/219  
12 248/638  
8 267/140.13  
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26 267/140.13  
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2 440/111  
2 464/180  
2 464/77

10655118\_CLSTITLES  
Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10655118 on March 03, 2004

26 267/140.13 (18 OR, 8 XR)  
Class 267 : SPRING DEVICES  
267/136 RESILIENT SHOCK OR VIBRATION ABSORBER  
267/140.11 .Including energy absorbing means or feature  
(e.g., supplemental vehicle equipment, such as motor mount,  
y seat, etc., including additional fluid or friction energy  
absorber)  
267/140.13 ..Axial

22 267/219 (2 OR, 20 XR)  
Class 267 : SPRING DEVICES  
267/2 VEHICLE  
267/195 .Mechanical spring and nonresilient retarder  
(e.g., shock absorber)  
267/217 ..Fluid retarder  
267/219 ...Elastomeric spring

21 267/140.14 (16 OR, 5 XR)  
Class 267 : SPRING DEVICES  
267/136 RESILIENT SHOCK OR VIBRATION ABSORBER  
267/140.11 .Including energy absorbing means or feature  
(e.g., supplemental vehicle equipment, such as motor mount,  
gy seat, etc., including additional fluid or friction energy  
absorber)  
267/140.13 ..Axial  
267/140.14 ...With electronic or magnetic control

15 248/638 (3 OR, 12 XR)  
Class 248 : SUPPORTS  
248/637 MACHINERY SUPPORT  
248/638 .Including vibration isolation means

9 267/140.15 (1 OR, 8 XR)  
Class 267 : SPRING DEVICES  
267/136 RESILIENT SHOCK OR VIBRATION ABSORBER  
267/140.11 .Including energy absorbing means or feature  
(e.g., supplemental vehicle equipment, such as motor mount,  
y seat, etc., including additional fluid or friction energy  
absorber)  
267/140.15 ..With electronic or magnetic control

8 248/550 (3 OR, 5 XR)  
Class 248 : SUPPORTS  
248/550 WITH CONDITION RESPONSIVE CONTROL MEANS

7 180/300 (3 OR, 4 XR)  
Class 180 : MOTOR VEHICLES  
180/54.1 POWER  
180/291 .Having specific motor-to-body-frame

## 10655118\_CLSTITLES

## relationship

180/300 ..Including means of nonsupporting nature for  
minimizing operation-induced movement of motor

- 7 440/52 (7 OR, 0 XR)  
Class 440 : MARINE PROPULSION  
440/49 SCREW PROPELLER  
440/52 .With vibration dampening
- 6 74/574 (3 OR, 3 XR)  
Class 074 : MACHINE ELEMENT OR MECHANISM  
74/469 CONTROL LEVER AND LINKAGE SYSTEMS  
74/572 .Flywheels and rotors  
74/574 ..With vibration damping means
- 6 248/562 (1 OR, 5 XR)  
Class 248 : SUPPORTS  
248/560 RESILIENT SUPPORT  
248/562 .Including additional energy absorbing means,  
e.g., fluid or friction damping, etc.
- 6 267/140.12 (4 OR, 2 XR)  
Class 267 : SPRING DEVICES  
267/136 RESILIENT SHOCK OR VIBRATION ABSORBER  
267/140.11 .Including energy absorbing means or feature  
(e.g., supplemental vehicle equipment, such as motor mou  
nt,  
seat, etc., including additional fluid or friction energ  
y  
absorber)  
267/140.12 ..Having concentric coaxial spring between  
plural confining means for radial force
- 6 267/35 (0 OR, 6 XR)  
Class 267 : SPRING DEVICES  
267/2 VEHICLE  
267/259 .Compound  
267/35 ..Rubber type and fluid pressure
- 5 180/312 (2 OR, 3 XR)  
Class 180 : MOTOR VEHICLES  
180/311 FRAME  
180/312 .With structure adapted to receive or support a  
motor, change-speed gearing, or other power train element
- 5 188/267 (0 OR, 5 XR)  
Class 188 : BRAKES  
188/266 INTERNAL-RESISTANCE MOTION RETARDER  
188/267 .Using magnetic flux
- 5 248/634 (0 OR, 5 XR)  
Class 248 : SUPPORTS  
248/560 RESILIENT SUPPORT  
248/634 .Nonmetallic resilient element
- 5 248/636 (0 OR, 5 XR)  
Class 248 : SUPPORTS  
248/636 INCLUDING ENERGY ABSORBING MEANS, E.G., FLUID

10655118\_CLSTITLES  
OR FRICTION DAMPING

- 5 248/659 (0 OR, 5 XR)  
Class 248 : SUPPORTS  
248/637 MACHINERY SUPPORT  
248/646 .Movable machine  
248/659 ..Trunnions or flexible supports on opposite  
sides of machine
- 5 267/136 (1 OR, 4 XR)  
Class 267 : SPRING DEVICES  
267/136 RESILIENT SHOCK OR VIBRATION ABSORBER
- 4 188/378 (0 OR, 4 XR)  
Class 188 : BRAKES  
188/378 INERTIA OF DAMPING MASS DISSIPATES MOTION  
(E.G., VIBRATION DAMPER)
- 4 188/379 (0 OR, 4 XR)  
Class 188 : BRAKES  
188/378 INERTIA OF DAMPING MASS DISSIPATES MOTION  
(E.G., VIBRATION DAMPER)  
188/379 .Resiliently supported damping mass
- 4 248/635 (2 OR, 2 XR)  
Class 248 : SUPPORTS  
248/560 RESILIENT SUPPORT  
248/634 .Nonmetallic resilient element  
248/635 ..Including rigid coaxial pin or bushing
- 4 267/122 (1 OR, 3 XR)  
Class 267 : SPRING DEVICES  
267/113 FLUID  
267/118 .Expansible-contractible chamber device  
267/122 ..Diaphragm or bellows
- 4 267/140.11 (3 OR, 1 XR)  
Class 267 : SPRING DEVICES  
267/136 RESILIENT SHOCK OR VIBRATION ABSORBER  
267/140.11 .Including energy absorbing means or feature  
(e.g., supplemental vehicle equipment, such as motor moun  
t,  
seat, etc., including additional fluid or friction energy  
absorber)
- 4 267/64.28 (0 OR, 4 XR)  
Class 267 : SPRING DEVICES  
267/2 VEHICLE  
267/64.11 .Comprising compressible fluid  
267/64.28 ..Including means for charging or discharging  
spring
- 4 464/68 (1 OR, 3 XR)  
Class 464 : ROTARY SHAFTS, GUDGEONS, HOUSINGS, AND  
FLEXIBLE COUPLINGS FOR ROTARY SHAFTS  
464/51 TORQUE TRANSMITTED VIA FLEXIBLE ELEMENT  
464/61 .Element is a spring coiled about centerline  
angularly related to or radially spaced from rotationa

10655118\_CLSTITLES

- axis
- 464/62 ..Plural springs
- 464/66 ...Opposite ends of spring are equidistant from rotational axis
- 464/68 ....Springs positioned between axially spaced plates of one member and driven by other member extending radially between said plates
- 3 74/572 (1 OR, 2 XR)
  - Class 074 : MACHINE ELEMENT OR MECHANISM
  - 74/469 CONTROL LEVER AND LINKAGE SYSTEMS
  - 74/572 .Flywheels and rotors
- 3 180/228 (2 OR, 1 XR)
  - Class 180 : MOTOR VEHICLES
  - 180/21 SPECIAL WHEEL BASE
  - 180/218 .Having only two wheels
  - 180/219 ..Arranged in tandem
  - 180/228 ...Including resilient means for mounting motor
- 3 180/297 (2 OR, 1 XR)
  - Class 180 : MOTOR VEHICLES
  - 180/54.1 POWER
  - 180/291 .Having specific motor-to-body-frame relationship
  - 180/297 ..Having motor shaft parallel to rotational axis of driven wheel
- 3 248/632 (0 OR, 3 XR)
  - Class 248 : SUPPORTS
  - 248/560 RESILIENT SUPPORT
  - 248/618 .Including spring zone understructure
  - 248/632 ..Nonmetallic resilient element
- 3 248/640 (0 OR, 3 XR)
  - Class 248 : SUPPORTS
  - 248/637 MACHINERY SUPPORT
  - 248/640 .For outboard motor
- 3 267/293 (0 OR, 3 XR)
  - Class 267 : SPRING DEVICES
  - 267/2 VEHICLE
  - 267/292 .Elastomeric
  - 267/293 ..Including central guide rod or tube through spring
- 2 180/291 (2 OR, 0 XR)
  - Class 180 : MOTOR VEHICLES
  - 180/54.1 POWER
  - 180/291 .Having specific motor-to-body-frame relationship
- 2 180/354 (2 OR, 0 XR)
  - Class 180 : MOTOR VEHICLES
  - 180/337 TRANSMISSION MECHANISM
  - 180/348 .Final drive axle movable
  - 180/349 ..Rigid axle
  - 180/353 ...With sprung differential

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- 267/136 RESILIENT SHOCK OR VIBRATION ABSORBER  
267/140.3 .Having diverse resilient element
- 2 267/141 (0 OR, 2 XR)  
Class 267 : SPRING DEVICES  
267/136 RESILIENT SHOCK OR VIBRATION ABSORBER  
267/141 .Nonmetallic, resilient element
- 2 267/141.2 (0 OR, 2 XR)  
Class 267 : SPRING DEVICES  
267/136 RESILIENT SHOCK OR VIBRATION ABSORBER  
267/141 .Nonmetallic, resilient element  
267/141.2 ..Confined between coaxial, vibrating annular members
- 2 267/152 (0 OR, 2 XR)  
Class 267 : SPRING DEVICES  
267/151 COMPOUND  
267/152 .Rubber
- 2 267/153 (0 OR, 2 XR)  
Class 267 : SPRING DEVICES  
267/153 RUBBER
- 2 267/33 (2 OR, 0 XR)  
Class 267 : SPRING DEVICES  
267/2 VEHICLE  
267/259 .Compound  
267/33 ..Coil and rubber type
- 2 296/190.07 (1 OR, 1 XR)  
Class 296 : LAND VEHICLES: BODIES AND TOPS  
296/1.01 BODIES  
296/187.01 .Structural detail  
296/190.01 ..Operator`s cab  
296/190.04 ...Movable or removable cab  
296/190.07 ....Resilient support
- 2 310/51 (0 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/51 ..Vibration or noise suppression
- 2 312/223.1 (0 OR, 2 XR)  
Class 312 : SUPPORTS: CABINET STRUCTURE  
312/223.1 FOR PARTICULAR ELECTRICAL DEVICE OR COMPONENT
- 2 312/223.2 (0 OR, 2 XR)  
Class 312 : SUPPORTS: CABINET STRUCTURE  
312/223.1 FOR PARTICULAR ELECTRICAL DEVICE OR COMPONENT  
  
312/223.2 .Housing for computer or computer related equipment
- 2 312/334.36 (0 OR, 2 XR)  
Class 312 : SUPPORTS: CABINET STRUCTURE  
312/294 WITH MOVABLE COMPONENTS

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- 312/330.1 .Horizontally movable (e.g., drawer)  
312/334.1 ..Having guide assembly  
312/334.27 ...Subjacent guide  
312/334.36 ....Having anti-friction feature
- 2 355/53 (1 OR, 1 XR)  
Class 355 : PHOTOCOPYING  
355/18 PROJECTION PRINTING AND COPYING CAMERAS  
355/53 .Step and repeat
- 2 384/99 (2 OR, 0 XR)  
Class 384 : BEARINGS  
384/91 ROTARY BEARING  
384/99 .Hydraulic or pneumatic bearing support
- 2 440/111 (1 OR, 1 XR)  
Class 440 : MARINE PROPULSION  
440/111 INBOARD ENGINE MOUNT
- 2 464/180 (0 OR, 2 XR)  
Class 464 : ROTARY SHAFTS, GUDGEONS, HOUSINGS, AND  
FLEXIBLE COUPLINGS FOR ROTARY SHAFTS  
464/179 SHAFTING  
464/180 .Particular vibration dampening or balancing  
structure
- 2 464/77 (0 OR, 2 XR)  
Class 464 : ROTARY SHAFTS, GUDGEONS, HOUSINGS, AND  
FLEXIBLE COUPLINGS FOR ROTARY SHAFTS  
464/51 TORQUE TRANSMITTED VIA FLEXIBLE ELEMENT  
464/77 .Element is an open loop spring curved about  
rotational axis



Butler, Douglas

PLU 5

6/29/04

From: PLUS  
Sent: Wednesday, March 03, 2004 9:09 AM  
To: Butler, Douglas  
Subject: PLUS Results for 10655118

Here are the PLUS search results for 10655118.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to [PLUS@uspto.gov](mailto:PLUS@uspto.gov).



10655118\_QUAL.txt



10655118\_LIST.txt



10655118\_WEST.txt



10655118\_EAST.txt



10655118.east



10655118\_CLS.txt



10655118\_CLSTITLES.txt



10655118\_WDS.txt

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## 10655118\_LIST

PLUS Search Results for S/N 10655118, Searched March 03, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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10655118\_EAST

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10655118\_CLS  
Most Frequently Occurring Classifications of Patents Returned  
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Original Classifications

18 267/140.13  
16 267/140.14  
7 440/52  
4 267/140.12  
3 74/574  
3 180/300  
3 248/550  
3 248/638  
3 267/140.11  
2 180/228  
2 180/291  
2 180/297  
2 180/312  
2 180/354  
2 248/560  
2 248/635  
2 267/219  
2 267/33  
2 384/99

Cross-Reference Classifications

20 267/219  
12 248/638  
8 267/140.13  
8 267/140.15  
6 267/35  
5 188/267  
5 248/550  
5 248/562  
5 248/634  
5 248/636  
5 248/659  
5 267/140.14  
4 180/300  
4 188/378  
4 188/379  
4 267/136  
4 267/64.28  
3 74/574  
3 180/312  
3 248/632  
3 248/640  
3 267/122  
3 267/293  
3 464/68  
2 74/572  
2 180/360  
2 180/378  
2 192/110B  
2 192/200  
2 192/30V  
2 192/70.17  
2 248/635  
2 267/140.12

2 267/141  
2 267/141.2  
2 267/152  
2 267/153  
2 310/51  
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2 312/223.2  
2 312/334.36  
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2 267/33  
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2 267/153

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267/140.13 ..Axial  
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180/291 .Having specific motor-to-body-frame

## 10655118\_CLSTITLES

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minimizing operation-induced movement of motor

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440/52 .With vibration dampening

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Class 074 : MACHINE ELEMENT OR MECHANISM

74/469 CONTROL LEVER AND LINKAGE SYSTEMS

74/572 .Flywheels and rotors

74/574 ..With vibration damping means

6 248/562 (1 OR, 5 XR)

Class 248 : SUPPORTS

248/560 RESILIENT SUPPORT

248/562 .Including additional energy absorbing means,  
e.g., fluid or friction damping, etc.

6 267/140.12 (4 OR, 2 XR)

Class 267 : SPRING DEVICES

267/136 RESILIENT SHOCK OR VIBRATION ABSORBER

267/140.11 .Including energy absorbing means or feature

(e.g., supplemental vehicle equipment, such as motor mou

nt,

seat, etc., including additional fluid or friction energ

y

absorber)

267/140.12 ..Having concentric coaxial spring between  
plural confining means for radial force

6 267/35 (0 OR, 6 XR)

Class 267 : SPRING DEVICES

267/2 VEHICLE

267/259 .Compound

267/35 ..Rubber type and fluid pressure

5 180/312 (2 OR, 3 XR)

Class 180 : MOTOR VEHICLES

180/311 FRAME

180/312 .With structure adapted to receive or support a  
motor, change-speed gearing, or other power train element

5 188/267 (0 OR, 5 XR)

Class 188 : BRAKES

188/266 INTERNAL-RESISTANCE MOTION RETARDER

188/267 .Using magnetic flux

5 248/634 (0 OR, 5 XR)

Class 248 : SUPPORTS

248/560 RESILIENT SUPPORT

248/634 .Nonmetallic resilient element

5 248/636 (0 OR, 5 XR)

Class 248 : SUPPORTS

248/636 INCLUDING ENERGY ABSORBING MEANS, E.G., FLUID

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OR FRICTION DAMPING

5 248/659 (0 OR, 5 XR)  
Class 248 : SUPPORTS  
248/637 MACHINERY SUPPORT  
248/646 .Movable machine  
248/659 ..Trunnions or flexible supports on opposite  
sides of machine

5 267/136 (1 OR, 4 XR)  
Class 267 : SPRING DEVICES  
267/136 RESILIENT SHOCK OR VIBRATION ABSORBER

4 188/378 (0 OR, 4 XR)  
Class 188 : BRAKES  
188/378 INERTIA OF DAMPING MASS DISSIPATES MOTION  
(E.G., VIBRATION DAMPER)

4 188/379 (0 OR, 4 XR)  
Class 188 : BRAKES  
188/378 INERTIA OF DAMPING MASS DISSIPATES MOTION  
(E.G., VIBRATION DAMPER)  
188/379 .Resiliently supported damping mass

4 248/635 (2 OR, 2 XR)  
Class 248 : SUPPORTS  
248/560 RESILIENT SUPPORT  
248/634 .Nonmetallic resilient element  
248/635 ..Including rigid coaxial pin or bushing

4 267/122 (1 OR, 3 XR)  
Class 267 : SPRING DEVICES  
267/113 FLUID  
267/118 .Expansible-contractible chamber device  
267/122 ..Diaphragm or bellows

4 267/140.11 (3 OR, 1 XR)  
Class 267 : SPRING DEVICES  
267/136 RESILIENT SHOCK OR VIBRATION ABSORBER  
267/140.11 .Including energy absorbing means or feature  
(e.g., supplemental vehicle equipment, such as motor moun  
t,  
seat, etc., including additional fluid or friction energy  
absorber)

4 267/64.28 (0 OR, 4 XR)  
Class 267 : SPRING DEVICES  
267/2 VEHICLE  
267/64.11 .Comprising compressible fluid  
267/64.28 ..Including means for charging or discharging  
spring

4 464/68 (1 OR, 3 XR)  
Class 464 : ROTARY SHAFTS, GUDGEONS, HOUSINGS, AND  
FLEXIBLE COUPLINGS FOR ROTARY SHAFTS  
464/51 TORQUE TRANSMITTED VIA FLEXIBLE ELEMENT  
464/61 .Element is a spring coiled about centerline  
angularly related to or radially spaced from rotationa

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- axis
- 464/62 ..Plural springs
- 464/66 ...Opposite ends of spring are equidistant from rotational axis
- 464/68 ....Springs positioned between axially spaced plates of one member and driven by other member extending radially between said plates
- 3 74/572 (1 OR, 2 XR)
- Class 074 : MACHINE ELEMENT OR MECHANISM
- 74/469 CONTROL LEVER AND LINKAGE SYSTEMS
- 74/572 .Flywheels and rotors
- 3 180/228 (2 OR, 1 XR)
- Class 180 : MOTOR VEHICLES
- 180/21 SPECIAL WHEEL BASE
- 180/218 .Having only two wheels
- 180/219 ..Arranged in tandem
- 180/228 ...Including resilient means for mounting motor
- 3 180/297 (2 OR, 1 XR)
- Class 180 : MOTOR VEHICLES
- 180/54.1 POWER
- 180/291 .Having specific motor-to-body-frame relationship
- 180/297 ..Having motor shaft parallel to rotational axis of driven wheel
- 3 248/632 (0 OR, 3 XR)
- Class 248 : SUPPORTS
- 248/560 RESILIENT SUPPORT
- 248/618 .Including spring zone understructure
- 248/632 ..Nonmetallic resilient element
- 3 248/640 (0 OR, 3 XR)
- Class 248 : SUPPORTS
- 248/637 MACHINERY SUPPORT
- 248/640 .For outboard motor
- 3 267/293 (0 OR, 3 XR)
- Class 267 : SPRING DEVICES
- 267/2 VEHICLE
- 267/292 .Elastomeric
- 267/293 ..Including central guide rod or tube through spring
- 2 180/291 (2 OR, 0 XR)
- Class 180 : MOTOR VEHICLES
- 180/54.1 POWER
- 180/291 .Having specific motor-to-body-frame relationship
- 2 180/354 (2 OR, 0 XR)
- Class 180 : MOTOR VEHICLES
- 180/337 TRANSMISSION MECHANISM
- 180/348 .Final drive axle movable
- 180/349 ..Rigid axle
- 180/353 ...With sprung differential

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- 180/354 ....And differential support feature
- 2 180/360 (0 OR, 2 XR)  
 Class 180 : MOTOR VEHICLES  
 180/337 TRANSMISSION MECHANISM  
 180/348 .Final drive axle movable  
 180/359 ..With sprung differential  
 180/360 ...And differential support feature
- 2 180/378 (0 OR, 2 XR)  
 Class 180 : MOTOR VEHICLES  
 180/337 TRANSMISSION MECHANISM  
 180/377 .Transmission support  
 180/378 ..Differential or axle housing
- 2 188/380 (1 OR, 1 XR)  
 Class 188 : BRAKES  
 188/378 INERTIA OF DAMPING MASS DISSIPATES MOTION  
 (E.G., VIBRATION DAMPER)  
 188/379 .Resiliently supported damping mass  
 188/380 ..Supported by mechanical spring
- 2 192/110B (0 OR, 2 XR)  
 Class 192 : CLUTCHES AND POWER-STOP CONTROL  
 192/30R CLUTCHES  
 192/110R .Shafts, bearings, and adjusting devices  
 192/110B ..Bearings
- 2 192/200 (0 OR, 2 XR)  
 Class 192 : CLUTCHES AND POWER-STOP CONTROL  
 192/30R CLUTCHES  
 192/200 .Clutch element resiliently carried on hub
- 2 192/30V (0 OR, 2 XR)  
 Class 192 : CLUTCHES AND POWER-STOP CONTROL  
 192/30R CLUTCHES  
 192/30V .Vibration dampers
- 2 192/70.17 (0 OR, 2 XR)  
 Class 192 : CLUTCHES AND POWER-STOP CONTROL  
 192/30R CLUTCHES  
 192/66.1 .Axially engaging  
 192/70.11 ..Interposed, mating clutch-elements  
 192/70.16 ...With torque connection between  
 clutch-element and its shaft  
 192/70.17 ....Resilient torque connection (e.g., for  
 damping vibration)
- 2 244/54 (1 OR, 1 XR)  
 Class 244 : AERONAUTICS  
 244/53R AIRCRAFT POWER PLANTS  
 244/54 .Mounting
- 2 248/560 (2 OR, 0 XR)  
 Class 248 : SUPPORTS  
 248/560 RESILIENT SUPPORT
- 2 267/140.3 (1 OR, 1 XR)  
 Class 267 : SPRING DEVICES



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- 267/136 RESILIENT SHOCK OR VIBRATION ABSORBER  
267/140.3 .Having diverse resilient element
- 2 267/141 (0 OR, 2 XR)  
Class 267 : SPRING DEVICES  
267/136 RESILIENT SHOCK OR VIBRATION ABSORBER  
267/141 .Nonmetallic, resilient element
- 2 267/141.2 (0 OR, 2 XR)  
Class 267 : SPRING DEVICES  
267/136 RESILIENT SHOCK OR VIBRATION ABSORBER  
267/141 .Nonmetallic, resilient element  
267/141.2 ..Confined between coaxial, vibrating annular members
- 2 267/152 (0 OR, 2 XR)  
Class 267 : SPRING DEVICES  
267/151 COMPOUND  
267/152 .Rubber
- 2 267/153 (0 OR, 2 XR)  
Class 267 : SPRING DEVICES  
267/153 RUBBER
- 2 267/33 (2 OR, 0 XR)  
Class 267 : SPRING DEVICES  
267/2 VEHICLE  
267/259 .Compound  
267/33 ..Coil and rubber type
- 2 296/190.07 (1 OR, 1 XR)  
Class 296 : LAND VEHICLES: BODIES AND TOPS  
296/1.01 BODIES  
296/187.01 .Structural detail  
296/190.01 ..Operator`s cab  
296/190.04 ...Movable or removable cab  
296/190.07 ....Resilient support
- 2 310/51 (0 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/51 ..Vibration or noise suppression
- 2 312/223.1 (0 OR, 2 XR)  
Class 312 : SUPPORTS: CABINET STRUCTURE  
312/223.1 FOR PARTICULAR ELECTRICAL DEVICE OR COMPONENT
- 2 312/223.2 (0 OR, 2 XR)  
Class 312 : SUPPORTS: CABINET STRUCTURE  
312/223.1 FOR PARTICULAR ELECTRICAL DEVICE OR COMPONENT  
312/223.2 .Housing for computer or computer related equipment
- 2 312/334.36 (0 OR, 2 XR)  
Class 312 : SUPPORTS: CABINET STRUCTURE  
312/294 WITH MOVABLE COMPONENTS

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- 312/330.1 .Horizontally movable (e.g., drawer)  
312/334.1 ..Having guide assembly  
312/334.27 ...Subjacent guide  
312/334.36 ....Having anti-friction feature
- 2 355/53 (1 OR, 1 XR)  
Class 355 : PHOTOCOPYING  
355/18 PROJECTION PRINTING AND COPYING CAMERAS  
355/53 .Step and repeat
- 2 384/99 (2 OR, 0 XR)  
Class 384 : BEARINGS  
384/91 ROTARY BEARING  
384/99 .Hydraulic or pneumatic bearing support
- 2 440/111 (1 OR, 1 XR)  
Class 440 : MARINE PROPULSION  
440/111 INBOARD ENGINE MOUNT
- 2 464/180 (0 OR, 2 XR)  
Class 464 : ROTARY SHAFTS, GUDGEONS, HOUSINGS, AND  
FLEXIBLE COUPLINGS FOR ROTARY SHAFTS  
464/179 SHAFTING  
464/180 .Particular vibration dampening or balancing  
structure
- 2 464/77 (0 OR, 2 XR)  
Class 464 : ROTARY SHAFTS, GUDGEONS, HOUSINGS, AND  
FLEXIBLE COUPLINGS FOR ROTARY SHAFTS  
464/51 TORQUE TRANSMITTED VIA FLEXIBLE ELEMENT  
464/77 .Element is an open loop spring curved about  
rotational axis